

RECEIVED #8

APR 17 2001

1648

TECH CENTER 1600/2900

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/680,228

DATE: 04/05/2001

TIME: 09:03:49

Input Set : A:\ES.txt

Output Set : N:\CRF3\04052001\I680228.raw

ENTERED

3 &lt;110&gt; APPLICANT: Ellis, et al.

5 &lt;120&gt; TITLE OF INVENTION: PREVENTION OF MYOCARDITIS, ABORTION AND INTRAUTERINE INFECTION

## ASSOCIATED

6 WITH PORCINE CIRCOVIRUS-2

8 &lt;130&gt; FILE REFERENCE: 454313-2340.2

10 &lt;140&gt; CURRENT APPLICATION NUMBER: 09/680,228

11 &lt;141&gt; CURRENT FILING DATE: 2000-10-06

13 &lt;150&gt; PRIOR APPLICATION NUMBER: PCT/EP00/08781

14 &lt;151&gt; PRIOR FILING DATE: 2000-08-28

16 &lt;150&gt; PRIOR APPLICATION NUMBER: 09/583,350

17 &lt;151&gt; PRIOR FILING DATE: 2000-05-31

19 &lt;150&gt; PRIOR APPLICATION NUMBER: 60/151,564

20 &lt;151&gt; PRIOR FILING DATE: 1999-08-31

22 &lt;160&gt; NUMBER OF SEQ ID NOS: 8

24 &lt;170&gt; SOFTWARE: PatentIn version 3.0

26 &lt;210&gt; SEQ ID NO: 1

27 &lt;211&gt; LENGTH: 1767

28 &lt;212&gt; TYPE: DNA

29 &lt;213&gt; ORGANISM: Porcine circovirus

31 &lt;400&gt; SEQUENCE: 1

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38 aagatgccat ttttcttctt ccagcggtaa cgggtggcggg ggtggacgag ccagggggcg      240
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157 ccctgggtga tcggggagca gggccag 1767
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170 ggcgttttga ctgtggtagc cttgacagta tatccgaagg tgcgggagag gcgggtgttg 180
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176 cttggatacg tcatagctga aaacgaaaga agtgcgctgt aagtattacc agcgcacttc 360
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184 gggtaatgag gaaggacgaa cacctcacct ccaggggttc gctaattttg tgaagaagca 600
186 aacttttaaat aaagtgaagt ggtatttggg tgcccgtctg cacatcgaga aagccaaagg 660
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190 agctcctcga tctcaaggac aacggagtga cctgtctact gctgtgagta ccttgtttga 780
192 gagcgggagt ctggtgaccg ttgcagagca gcaccctgta acgtttgtca gaaatttccg 840
194 cgggctggct gaacttttga aagtgaagcg gaaaatgcag aagcgtgatt ggaagaccaa 900
196 tgtacacgtc attgtggggc cacctgggtg tggtaaaagc aaatgggctg ctaattttgc 960
198 agacccggaa accacatact ggaaaccacc tagaacaagc tgggtgggatg gttaccatgg 1020
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224 accctgggtg atgggggagc agggccag 1768
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228 <211> LENGTH: 1768
229 <212> TYPE: DNA
230 <213> ORGANISM: Porcine circovirus
232 <400> SEQUENCE: 4
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237 ggcgttttga ctgtggtacg cttgacagta tatccgaagg tgcgggagag gcgggtgttg 180
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Input Set : A:\ES.txt

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363 <212> TYPE: DNA
364 <213> ORGANISM: Porcine circovirus
366 <220> FEATURE:

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RAW SEQUENCE LISTING  
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367 <221> NAME/KEY: misc_feature
368 <222> LOCATION: (1)..(1768)
369 <223> OTHER INFORMATION: nucleotide "n" can be either of the nucleotides 'a', 'c', 'g' or
370      "t"
373 <400> SEQUENCE: 6
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428 agaagggttg ggggattgta tggcgggagg agtagtttac atatgggtca taggttaggg      1680
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436 <211> LENGTH: 1768
437 <212> TYPE: DNA
438 <213> ORGANISM: Porcine circovirus
440 <220> FEATURE:
441 <221> NAME/KEY: misc_feature
442 <222> LOCATION: (1)..(1768)
443 <223> OTHER INFORMATION: nucleotide "k" can be either "g" or "t" and
444      nucleotide "y" can be either "c" or "t"
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450 agaagaatgg aagaagcgga cccaaccac ataaagggtg ggtgttcacg ctgaataatc      120
452 ctccgaaga cgagcgcaag aaaatacggg agctcccaat ctccctattt gattatttta      180
454 ttgttgcgca ggagggtaat gaggaaggac gaacacctca cctccagggg ttcgctaatt      240

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Input Set : A:\ES.txt

Output Set: N:\CRF3\04052001\I680228.raw

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L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6